BRUHAT BENGALORU MAHANAGARA PALIKE

Name of Work : Detailed Estimate for Construction of Samudhaya Bhavana at Nanjudarajanagara and Construction Of RO Plant and Drilling Of Borewells with pipe line in Ward No -11 Kuvempunagara.

NOA : P 3442 Developmental Works at Ward No. 11					Est. Cost Rs. 1.00 Crore.				
Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
	Levelling the Ground		1	30.00	20.00	0.30	**180.00**	169.56	**30521.00**
	Basic Rate	157.00							
	Addl Area Weightage 8%	12.56							
	Total	169.56							
2	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.140 17.57/1)	Cum							
			Qty Vide Item No.1				**180.00**	116.00	**20880.00**
	Lead Up to 15 x 2.5x 1.28 KM	48.00							
	Loading and Unloading	68.00							
		116.00							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
3	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW,P & IWTD, SOUTH ZONE - SR 2016-17)	Cum							
	For Wall Portion - L/W		2	19.15	1.00	1.25	47.88		
	S/W		2	7.15	1.00	1.25	17.88		
	Portico		1	10.00	1.00	1.25	12.50		
	Staircase - Pit		1	1.30	0.60	0.60	0.47		
	Columns		16	1.80	1.80	1.80	93.31		
	Sump		1	3.50	3.50	1.50	18.38		
	Sanitary Line		1	30.00	0.60	0.90	16.20		
	For Toilet Rooms - L/W		2	8.70	0.75	0.75	9.79		
			1	3.50	0.75	0.75	1.97		
			1	4.80	0.75	0.75	2.70		
	S/W		7	0.60	0.75	0.75	2.36		
			4	1.20	0.75	0.75	2.70		
	Wall Portion		2	5.40	0.75	0.75	6.08		
			2	2.40	0.75	0.75	2.70		
	Columns		4	1.50	1.50	1.50	13.50		
							248.42		
	Deduction - Columns Portion		16	1.80	1.00	1.25	36.00		
	Columns		4	1.50	0.75	0.75	3.38		
							39.38		
	Basic Rate	283.00					**209.05**	305.64	**63893.00**
	Add Area Weightage 8%	22.64							
	Total	305.64							
	KSRB 2.6: Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. specification. No. KBS (P.6/I.2.15 PW, P & IWTD, SOUTH ZONE - SR 2016-17)	Cum							
	For Wall Portion - L/W		2	19.15	1.00	0.10	3.83		
	S/W		2	7.15	1.00	0.10	1.43		
	Portico		1	10.00	1.00	0.10	1.00		
	Staircase - Pit		1	1.30	0.60	0.10	0.08		
	Columns		16	1.80	1.80	0.10	5.18		
	Sump		1	3.50	3.50	0.10	1.23		
							12.75		
	Deduction - Columns Portion		16	1.80	1.00	0.10	2.88		
							9.87	2283.12	**22534.00**
	Basic Rate	2114.00							
	Add Area Weightage 8%	169.12							
	Total	2283.12							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No. KBS (P.6/I.2.17 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
			Qty Vide Item No.8				**9.87**	3349.08	**33055.00**
	Basic Rate	3101.00							
	Add Area Weightage 8%	248.08							
	Total	3349.08							
	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	Bed Concrete Work								
	For Wall Portion - L/W		2	19.15	1.00	0.15	5.75		
	SW		2	7.15	1.00	0.15	2.15		
	Portico		1	10.00	1.00	0.15	1.50		
	Staircase - Pit		1	1.30	0.60	0.15	0.12		
	Columns		16	1.80	1.80	0.20	10.37		
	Sump		1	3.50	3.50	0.15	1.84		
	Toilet rooms -L/W		2	8.70	0.75	0.15	1.96		
			1	3.50	0.75	0.15	0.39		
			1	4.80	0.75	0.15	0.54		
	SW		7	0.60	0.75	0.15	0.47		
			4	1.20	0.75	0.15	0.54		
	Sump		1	1.50	1.50	0.15	0.34		
	Wall Portion		2	5.40	0.75	0.15	1.22		
			2	2.40	0.75	0.15	0.54		
	Columns		4	1.50	1.50	0.15	1.35		
	Flooring Concrete Work								
	Hall		1	18.00	8.00	0.15	21.60		
	Ladies Toilet		1	2.60	1.80	0.15	0.70		
	WC		2	1.20	1.20	0.15	0.43		
	Gents Toilet		1	3.70	1.80	0.15	1.00		
	WC &Ticket Counter		3	1.20	1.20	0.15	0.65		
	Store Room		1	1.80	1.20	0.15	0.32		
			1	1.00	1.35	0.15	0.20		
			1	4.50	3.00	0.15	2.03		
	Out Side Flagging Concrete Work								
	Front & Back Side		2	8.30	3.00	0.15	7.47		
	Left & Right side		2	25.00	3.00	0.15	22.50		
	Front & Back Side-Toilet rooms		2	10.10	1.00	0.15	3.03		
	Left & Right side		2	3.50	1.00	0.15	1.05		
			2	8.00	1.00	0.15	2.40		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
		2	3.00	1.00	0.15	0.90		
						93.36		
Deduction - Columns Portion		16	1.80	1.00	0.15	4.32		
Columns		4	1.50	0.75	0.15	0.68		
						5.00		
Basic Rate						**88.37**	5256.36	**464478.00**
Cost Area Weightage 8%	4867.00							
Total	389.36							
	5256.36							
SOR/ BS 5.3-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 PWD 15-16 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Above GL								
For Wall Portion - L/W		2	19.15	0.90	0.45	15.51		
Left		2	7.15	0.90	0.45	5.79		
Return		1	10.00	0.90	0.45	4.05		
For Wall Portion - L/W		2	19.00	0.60	0.45	10.26		
Left		2	7.30	0.60	0.45	3.94		
Return		1	10.00	0.60	0.45	2.70		
For Wall Portion - L/W		2	8.70	0.75	0.25	3.26		
		1	3.50	0.75	0.25	0.66		
		1	4.80	0.75	0.25	0.90		
Left		7	0.60	0.75	0.25	0.79		
		4	1.20	0.75	0.25	0.90		
Wall Portion		2	5.40	0.75	0.20	1.62		
		2	2.40	0.75	0.20	0.72		
For Wall Portion - L/W		2	8.55	0.60	0.45	4.62		
		1	3.35	0.60	0.45	0.90		
		1	4.65	0.60	0.45	1.26		
Left		7	0.75	0.60	0.45	1.42		
		4	1.35	0.60	0.45	1.46		
		2	5.25	0.60	0.25	1.58		
		2	2.25	0.60	0.25	0.68		
						63.01		
Deduction - Columns Portion		16	0.60	0.30	0.90	2.59		
Columns		4	0.45	0.20	0.45	0.16		
						2.75		
Basic Rate						**60.26**	4521.96	**272484.00**
Cost Area Weightage 8%	4187.00							
Total	334.96							
	4521.96							
SOR/ BS 5.3-3 : Providing and constructing granite / trap / basalt rubble stone masonry in basement with cement mortar 1:6, edges of stones chisdle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 PWD 15-16 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Above GL								
For Wall Portion - L/W		2	18.85	0.45	0.60	10.18		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
[illegible]								
[illegible]		2	7.45	0.45	0.60	4.02		
[illegible]		1	10.00	0.45	0.60	2.70		
For Wall Portion - L/W		2	8.40	0.45	0.60	4.54		
		1	3.20	0.45	0.60	0.86		
[illegible]		1	4.50	0.45	0.60	1.22		
		7	0.90	0.45	0.60	1.70		
Wall Portion		4	1.50	0.45	0.60	1.62		
		2	5.05	0.45	0.60	2.73		
		2	2.60	0.45	0.60	1.40		
						30.97		
Deduction - Columns Portion		16	0.60	0.30	0.60	1.73		
Columns		4	0.45	0.20	0.60	0.22		
						1.95		
Basic Rate	5005.00					**29.03**	5005.00	**145270.00**
Add/Less Weightage 8%	400.40							
Total	5405.40							
KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm thick, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P1/1DW.15.3 -PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
		2	18.85		0.60	22.62		
		2	8.30		0.60	9.96		
		2	8.40		0.60	10.08		
		2	3.50		0.60	4.20		
Basic Rate	98.00					**46.86**	105.84	**4960.00**
Add/Less Weightage 8%	7.84							
Total	105.84							
KSRB 2.3: Filling available excavated earth (excluding rock) in layers of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (P1/2DW.2.10 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
		Qty Vide Item No.1				**209.05**	137.16	**28673.00**
Basic Rate	127.00							
Add/Less Weightage 8%	10.16							
Total	137.16							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.10 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	Up to Plinth Level								
	Columns - Footings		16	1.60	1.60	0.60	24.58		
	Pedstal		4	1.20	1.20	0.60	3.46		
	Columns -C		16	0.80	0.60	1.00	7.68		
	Columns		16	0.60	0.30	0.60	1.73		
	Plinth Beam-L /W		4	0.45	0.20	1.50	0.54		
	SW		2	18.85	0.45	0.30	5.09		
	Portico		2	7.45	0.45	0.30	2.01		
	Toilet Room - L /W		1	10.00	0.45	0.30	1.35		
			2	8.40	0.45	0.15	1.13		
			1	3.20	0.45	0.15	0.22		
	SW		1	4.50	0.45	0.15	0.30		
			7	0.90	0.45	0.15	0.43		
			4	1.50	0.45	0.15	0.41		
			2	5.05	0.45	0.15	0.68		
			2	2.60	0.45	0.15	0.35		
	Basic Rate	6221.00					**49.96**	6718.68	**335665.00**
	Addl Area Weightage 8%	497.68							
	Total	6718.68							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
12	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13&14/I.4.12 PWI, P & IWTD, SOUTH ZONE - SR 2016-17)	Cum							
	Up to Roof Slab								
	Columns		16	0.60	0.30	4.00	11.52		
			4	0.45	0.20	4.00	1.44		
	Lintles		2	18.30	0.15	0.20	1.10		
			2	8.00	0.15	0.20	0.48		
			2	8.10	0.15	0.20	0.49		
			4	3.10	0.15	0.20	0.37		
			4	1.20	0.15	0.20	0.14		
			1	2.70	0.15	0.20	0.08		
			1	2.60	0.15	0.20	0.08		
			2	4.80	0.20	0.20	0.38		
	Roof Beams -On wall		2	3.00	0.20	0.20	0.24		
			2	18.30	0.30	0.60	6.59		
			7	8.00	0.30	0.60	10.08		
	Roof Beams -On wall		1	10.00	0.30	0.30	0.90		
			2	8.10	0.23	0.30	1.12		
	Roof Beams		3	3.00	0.23	0.30	0.62		
			2	4.80	0.20	0.30	0.58		
	Roof Slab-Toilet Rooms		2	3.60	0.20	0.30	0.43		
	Roof Slab		1	8.10	3.50	0.15	4.25		
			1	18.30	8.30	0.15	22.78		
			1	4.00	3.00	0.15	1.80		
	Roof Slab		2	3.60	0.20	0.30	0.43		
	Staircase - Pit		1	4.80	3.90	0.15	2.81		
	Less		1	1.30	0.60	0.60	0.47		
			1	2.50	1.00	0.15	0.38		
	Add		1	1.50	1.00	0.15	0.23		
			1	2.00	1.20	0.15	0.36		
	Steps		15 x 0.50	1.00	0.30	0.15	0.34		
	Landing Portion-Bottom Slab		1	3.50	3.50	0.15	1.84		
	Side Walls		2	3.50	0.15	1.50	1.58		
			2	3.20	0.15	1.50	1.44		
	Top Slab		1	3.50	3.50	0.15	1.84		
							77.19		
	Deduction - Staircase Portion		1	4.00	2.00	0.15	1.20		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Sump -Inspection Door		2	0.60	0.60	0.15	0.11		
						1.31		
						75.88	6876.36	**521806.00**
Basic Rate	6367.00							
Addl Area Weightage 8%	509.36							
Total	6876.36							
KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.775cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto GF level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.14/I.4.19 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF-W-Chajja		2	18.30		0.60	21.96		
Shelves		2	8.30		0.60	9.96		
Omr Chajja		1	10.00		0.60	6.00		
O		1	4.00		0.45	1.80		
W		1	8.10		0.45	3.65		
Chajja		1	4.80		0.45	2.16		
Basic Rate	456.00							
Addl Area Weightage 8%	36.48					**45.53**	492.48	**22423.00**
Total	492.48							
KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.17/I.4.46 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	T							
		22.00				**22.00**	65455.56	**1440022.00**
Basic Rate	60607.00							
Addl Area Weightage 8%	4848.56							
Total	65455.56							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
15	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.28 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm							
	Columns - Footings		16	6.40		0.60	61.44		
	Column Footings		4	4.80		0.60	11.52		
	Pedstal		16	2.80		1.00	44.80		
	Basic Rate	231.00					**117.76**	249.48	**29379.00**
	Add Area Weightage 8%	18.48							
	Total	249.48							
16	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.31 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Plinth Beam-L /W-Both Sides		4	18.85		0.30	22.62		
	S/W		4	7.45		0.30	8.94		
	S/W		2	10.00		0.30	6.00		
	Toilet Rooms L /W-Both Sides		4	8.40		0.10	3.36		
			2	3.20		0.10	0.64		
			2	4.50		0.10	0.90		
	S/W		14	0.90		0.10	1.26		
			8	1.50		0.10	1.20		
	RO Plant - PB -Both Sides		4	5.05		0.20	4.04		
			4	2.60		0.20	2.08		
	Sump-Side Walls		4	3.50		1.50	21.00		
			4	3.20		1.50	19.20		
	Top Slab		1	3.50	3.50		12.25		
			4	3.50		0.15	2.10		
	Deduction						**105.59**		
	Sump -Inspection Door		2	0.60	0.60		0.72		
	Basic Rate	293.00					**104.87**	316.44	**33185.00**
	Add Area Weightage 8%	23.44							
	Total	316.44							
17	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.32 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	GF - Columns		16	1.80		5.00	144.00		
			4	1.30		5.00	26.00		
	Basic Rate	366.00					**170.00**	395.28	**67198.00**
	Add Area Weightage 8%	29.28							
	Total	395.28							

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, breastumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.34 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF -Lintles -Both Sides		4	18.30		0.20	14.64		
		4	8.00		0.20	6.40		
Lintles -Both Sides		4	8.10		0.20	6.48		
		8	3.10		0.20	4.96		
		8	1.20		0.20	1.92		
Lintels		2	2.70		0.20	1.08		
		4	4.80		0.20	3.84		
Roof Beams		4	3.00		0.20	2.40		
		4	4.80		0.30	5.76		
Roof Beams -On wall		4	3.60		0.30	4.32		
		4	18.30		0.60	43.92		
		14	8.00		0.60	67.20		
		2	10.00		0.30	6.00		
		4	8.10		0.30	9.72		
		6	3.00		0.30	5.40		
Basic Rate	256.00					**184.04**	276.48	**50883.00**
Addl.Area Weightage 8%	20.48							
Total	276.48							
KSRB 4-6.2: Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF - Roof Slab		1	18.30	8.30		151.89		
Portico		1	4.00	3.00		12.00		
Roof Slab		1	8.10	3.50		28.35		
Roof Slab		1	4.80	3.90		18.72		
						210.96		
Deduction - Staircase Portion		1	4.00	2.00		8.00		
Basic Rate	313.00					**202.96**	338.04	**68609.00**
Addl.Area Weightage 8%	25.04							
Total	338.04							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
20	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.36 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm							
	GF - Slab Edge		2	18.30		0.15	5.49		
			2	8.30		0.15	2.49		
	Staircase Portion		2	4.00		0.15	1.20		
			2	2.00		0.15	0.60		
	Slab Edge		2	8.10		0.15	2.43		
			2	3.50		0.15	1.05		
			2	4.80	0.15		1.44		
	Basic Rate	678.00	2	3.90	0.15		1.17		
	Add Area Weightage 8%	54.24					**15.87**	732.24	**11621.00**
	Total	732.24							
21	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.37 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm	Qty Same as Vide Item No. 13				**45.53**	291.60	**13277.00**
	Basic Rate	270.00							
	Add Area Weightage 8%	21.60							
	Total	291.60							
22	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (including landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.38 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm							
	GF - Stair case - W/S		1	2.50	1.00		2.50		
			1	1.50	1.00		1.50		
	Risers		1	2.00	1.20		2.40		
	Sides		15	1.00		0.15	2.25		
			2	2.50		0.15	0.75		
			2	1.50		0.15	0.45		
			1	2.00		0.15	0.30		
			2	1.20		0.15	0.36		
	Basic Rate	475.00					**10.51**	513.00	**5392.00**
	Add Area Weightage 8%	38.00							
	Total	513.00							

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
KSRB 5-14: Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications KBS NO.5.4 - do - with solid concrete blocks of size 400 x 150 x 200 mm (P.25/I.5.26.1 PWI, P & IWTD,SOUTH ZONE - SR 2016-17)	Sqm							
For Wall Portion		2	18.30		2.70	98.82		
Stair Case Head Room		2	8.00		2.70	43.20		
		2	4.00		2.10	16.80		
For Wall Portion-Toilet Room		2	2.00		2.10	8.40		
		2	8.10		2.70	43.74		
		4	3.10		2.70	33.48		
		4	1.20		2.70	12.96		
		1	2.70		2.70	7.29		
Wall Portion -RO Plant Room		1	2.60		2.70	7.02		
		2	4.80		2.70	25.92		
Parapet		2	3.00		2.70	16.20		
		2	18.30		0.60	21.96		
		2	8.00		0.60	9.60		
		2	8.10		0.60	9.72		
		2	3.20		0.60	3.84		

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
	Parapet		2	4.80		0.40	3.84		
			2	3.00		0.40	2.40		
	Steps		2	3.05		0.15	0.92		
							366.11		
	Deductions - Lintles		2	18.30		0.20	7.32		
			2	8.00		0.20	3.20		
			2	8.10		0.20	3.24		
			4	3.10		0.20	2.48		
			4	1.20		0.20	0.96		
			1	2.70		0.20	0.54		
	Lintels		1	2.60		0.20	0.52		
			2	4.80		0.20	1.92		
	Columns		2	3.00		0.20	1.20		
	Columns		4	0.45		3.10	5.58		
	MD		14	0.30		2.70	11.34		
	D		1	2.00		2.10	4.20		
	W		2	1.20		2.10	5.04		
	V		10	1.50		1.20	18.00		
	D1		10	1.50		0.45	6.75		
	GW		6	0.75		2.10	9.45		
	V1		1	1.20		1.20	1.44		
	V2		2	1.20		0.45	1.08		
	GD		6	0.45		0.45	1.22		
	Cills Concrete-W		2	0.90		2.10	3.78		
	V		10	1.80		0.10	1.80		
	V1		10	1.80		0.10	1.80		
	V2		8	1.30		0.10	1.04		
	GW		8	1.30		0.10	1.04		
	RO Plant Room - RS		1	1.50		0.10	0.15		
	Basic Rate	937.00	1	3.04		2.50	7.60		
	Add Area Weightage 8%	74.96					**102.69**		
	Total	1011.96					**263.42**	1011.96	**266571.00**
	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metalcoarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mexed, concrete laid I layers not exceeding 15 cms, thick, well compacted, in foundation, plinth and cills, including cost of all machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW, P & MTD, SOUTH ZONE -SR 2016-17)	Cum							
	Cills Concrete-W		10	1.80	0.15	0.10	0.27		
	W		10	1.80	0.15	0.10	0.27		
	W1		8	1.30	0.15	0.10	0.16		
	W2		8	1.30	0.15	0.10	0.16		
	GW		1	1.50	0.15	0.10	0.02		
	Front & Back Side		2	8.30	3.00	0.10	4.98		
	Left & Right side		2	25.00	3.00	0.10	15.00		
	Front & Back Side-Toilet rooms		2	10.10	1.00	0.10	2.02		
	Left & Right side		2	3.50	1.00	0.10	0.70		
	Urinal Platfarm -Gents Toilet		1	2.70	0.90	0.10	0.24		
	Roof Slab-Toilet Rooms		1	8.10	3.50	0.10	2.84		

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Roof Slab		1	18.30	8.30	0.10	15.19		
		1	8.10	3.50	0.10	2.84		
						44.68	5876.28	**262532.00**
Basic Rate	5441.00							
Addl.Area Weightage 8%	435.28							
Total	5876.28							
KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (P.51/I.9.11 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Doorframes - MD - 1 Nos.		1	8.50	0.075	0.125	0.08		
D - 2Nos.		2	6.80	0.075	0.125	0.13		
Basic Rate	102855.00					**0.21**	111083.40	**23015.00**
Addl.Area Weightage 8%	8228.40							
Total	111083.40							
KSRB 9.5-2 : Providing and fixing in position fully paneled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost.of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (P.51/I.9.15 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF - MD		1	2.00		2.10	4.20		
D		2	1.20		2.10	5.04		
Basic Rate	4643.00					**9.24**	5014.44	**46333.00**
Addl.Area Weightage 8%	371.44							
Total	5014.44							

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 18 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos. of screws to be provided for each vertical member & minimum 3 Nos. for horizontal member. (P.59/I.9.92 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Mtr							
Toilet Room -D		6	5.80			**34.80**	421.20	**14658.00**
Basic Rate	390.00							
Add Area Weightage 8%	31.20							
Total	421.20							
Providing and fixing of factory made 30mm P.V.C rigid foam (FOREX) PANEL DOORS Nashmee made from MS tube of 18 guage, size of 19mm x 19mm are covered with heat moulded PVC 'C' Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beading on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity(P.59/I.9.91 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm							
Toilet Room -D		6	0.75		2.10	**9.45**	2721.60	**25719.00**
Basic Rate	2520.00							
Add Area Weightage 8%	201.60							
Total	2721.60							